



AUG 10 2001

MEMORANDUM FOR: Donald R. Knowles
Director
Office of Protected Resources

FROM: Phil Williams *Margaret Green*
Acting Chief *for*
Endangered Species Division

SUBJECT: Literature Cited section for the Endangered Species Act Biological
Opinion on the Atlantic Highly Migratory Species Fishery
Management Plan and Associated Fisheries

The Endangered Species Act Biological Opinion (Opinion) on the Atlantic Highly Migratory Species Fishery Management Plan and Associated Fisheries was posted on the Protected Resources web site on June 8, 2001, without the literature cited section, but with a note that it would be posted at a later date. A June 14, 2001, Errata memorandum was then added to the web site to correct errors found in the June 8, 2001, Opinion.

The literature cited section had not been included with the Opinion on June 8th because it was not complete and needed to be reviewed for accuracy between text citations and literature cited references. Shortly after the June 14, 2001, Errata was posted, PR headquarters and regional staff worked to locate the missing literature cited entries for citations in the Opinion text. They also worked to eliminate those entries in the literature cited section which had no corresponding citation in the text of the Opinion. Some of the references for citations in the text could not be located. This forced staff to locate new references which supported the information found in the text citations. The above work made it necessary to make changes to the text of the Opinion to ensure that literature referenced in the text properly corresponded with an entry in the literature cited section.

The completed literature cited section is now ready to be added to the Opinion and a second "Errata" had to be created to be included with the posting of the literature cited section to account for the above changes. It is included here for your review and approval. Once approved the corrected Opinion with the literature cited section will be posted to the NMFS/PR website.





AUG 10 2001

MEMORANDUM FOR: Administrative Record

FROM: *Wandall*
Donald R. Knowles
Director
Office Of Protected Resources

SUBJECT: Errata for June 14, 2001 Endangered Species Act Biological Opinion on the Atlantic Highly Migratory Species Fishery Management Plan and Associated Fisheries

Section 3.1 "Biology and Distribution" Page 23 (the first paragraph of the section), the citation "(NMFS and USFWS 1991, 1992, 1992a, 1995)" should read "(NMFS and USFWS 1991, 1992, 1995)."

Section 3.6 "Loggerhead turtle" Page 33, in the fourth paragraph "Richardson 1982" should be deleted from the citation "(Richardson 1982, Ehrhart 1979, LeBuff 1990, CMTTP)."

Section 3.6.3 "Threats from Human Activities" Page 39, the citation "(Carr 1987, Bjorndal 1994)" should read "(Carr 1987, Bolten and Balazs 1995)."

Section 3.7.2 "Status and Trends" Page 42, where it reads "On some beaches in the Pacific, nearly 100% of the eggs laid have been harvested (Eckert 1996)" should read "On some beaches in the Pacific, a high percentage of the eggs laid have been harvested (Eckert 1993)."

Also in Section 3.7.2 and on page 42, where it reads "Eckert (1996) and Spotila *et al.* (1996) record that adult mortality has also increased significantly, particularly as a result of driftnet and longline fisheries" should read "Eckert and Sarti (1997) and Spotila *et al.* (1996) record that adult mortality has also increased significantly, particularly as a result of driftnet and longline fisheries."

Section 3.7.3.2 "Entanglements" Page 45, Page 46, and Page 47, the citation "(Anonymous 1995)" should read "(C. Ryder, pers.comm.)". Also, on Page 47 (first paragraph), "Castroviejo *et al.* 1994" should be deleted from the citation "(Castroviejo *et al.* 1994; Graff 1995)."

Section 3.12.2.2 "State Fishery Operations" Page 60, Page 63, Page 64 and Page 65 the citation "(NMFS 2001a)" should read "(NMFS SEFSC 2001)." Also, on Page 65, the citation "(Anon 1995)" should read "(C. Ryder, pers.comm.)."

Section. 4.1 "Approach to the Assessment" Page 78 delete "Ebert 1999" from the citation "(Andrewartha and Birch 1954, Caughley and Gunn 2000, Ebert 1999)" and on Page 79, the citation "(see Cohen 1987)" should read "(see Sokal and Rohlf 1969)."

Section 4.2 "Scope of the Analyses" Page 80 (first full paragraph), the citation "(USFWS and NMFS 1997)" should be deleted.

Section 4.3 "Information Available for the Assessment" Page 80 where it reads "In addition, Crouse *et al.* (1987), Crowder *et al.* (1994), Heppell (1998), Heppell *et al.* (1996, 1999, and 2000) published results from population models, sensitivity analyses, and elasticity analyses for various species of marine turtles, although most models are based on data on loggerhead sea turtles in the Atlantic Ocean." should read "In addition, Crouse *et al.* (1987), Crowder *et al.* (1994), Heppell (1996,1998), Heppell *et al.* (1999, and 2000) published results from population models, sensitivity analyses, and elasticity analyses for various species of marine turtles, although most models are based on data on loggerhead sea turtles in the Atlantic Ocean."

Section 5.5 "Other U.S. Fisheries" Page 103, the citation "(Anon 1995)" should read "(C. Ryder, pers. comm.)."